Information and Communication Technologies

Introduction

Developed in response to place-bound professionals' need for additional education, the Bachelor of Science degree in Information and Communication Technologies is a degree completion collaborative effort between Wisconsin Technical Colleges and UW-Stout that provides flexibility for those that are place-bound or working full time. Since computers and the internet have continued to transform the global economy and society, the need for graduates with information and communication technologies skills has increased. The B.S. in Information and Communication Technologies offers a concentration in networking. The program offers a variety of distance education methods, opportunity to build on previously completed technical education, and preparation for management and leadership challenges. Students prepare for managerial and leadership opportunities, positioning them for new or changing opportunities in the workforce, increased salary potential and contribution to current employers. In addition , the program allows students to grow personally and professionally in their breadth and depth of knowledge of today's information technologies.

An A.A.S. or A.S degree in a field related to the major is desirable. To graduate from this program the student needs to complete a minimum of 32 credits from UW-Stout.

General Requirements
Bachelor of Science Degree

Total for graduation	120 credits
General Education	40 credits
Technical Competency and/or Transfer	40 credits
Option 1: Professional Studies for degree with ICT Emphasis	40 credits
Option 2: Professional Studies for degree with Network Concentration	40 credits

Program Requirements

General Education

40 credits required

A. Communication Skills — 8 Credits

ENGL-101	Freshman English – Composition *or*	
ENGL-111	Freshman English – Honors I	3
ENGL-102	Freshman English – Reading and Related Writing *or*	
ENGL-112	Freshman English – Honors II	3
SPCOM-100	Fundamentals of Speech	2

B. Analytic Reasoning — 6 Credits

MATH-118	Concepts of Mathematics (or higher)	4

Remaining courses must be from areas including math, logic, statistics and computer science.

C. Health and Physical Education — 2 Credits

Courses must be from areas of health, physical education or nutrition.

D. Humanities and the Arts — 9 Credits

Courses must be from three or more areas including art history, creative arts, history, literature, music appreciation, performing arts and philosophy.

E. Social and Behavioral Sciences — 9 Credits

Courses must be from three or more areas including anthropology, economics, geography, political science, psychology and sociology.

F. Natural Sciences (with Lab) — 4 Credits

G. Technology — 2 Credits

Technical Competency and/or Transfer

40 credits

TCS-XXX, CS-XXX, MEDIA-XXX, ELEC-XXX, GCM-XXX, TECH-XXX or adviser-approved credits for transfer.

Professional Studies

40 credits

Core Requirements — 22 credits

BUACT-206 Introduction to Financial Accounting	3
BUINB-260 Introduction to International Business	3
BUMKG-330 Principles of Marketing	3
BUMGT-304 Principles of Management	3
ICT-401 Information Technology Policy and Audit	3
INMGT-100 Introduction to Management	1
INMGT-365 Project Management	3
INMGT-400 Organizational Leadership	3

Option 1: Degree with ICT Emphasis — 18 credits

Choose 18 credits from the following selectives:

BUMKG-350	E-Business Strategy and Practice	3
ENGL-125	Professional Writing Elements of Style	3
ENGL-225	Editing Processes and Practices	3
ENGL-247	Critical Writing	3
ENGL-343	Rhetoric of Technology	3
ENGL-385	Document Design	3
ENGL-415	Technical Writing	3
ENGL-425	Usability Design and Testing	3
ICT-103	Information and Communication Technologies	3
ICT-305	Office Automation Technology	3
ICT-309	Collaborative Computing	3
ICT-311	Information and Communication Technologies Analytics	3
ITM-133	Networking Fundamentals I	3
ITM-134	Networking Fundamentals II	3
MEDIA-360	Introduction to Media in Education and Training	2
MEDIA-375	Web Production and Distribution	3
TECH-230	Exploring Technology	2

Option 2: Degree with Network Concentration — 18 credits

ITM-133	Networking Fundamentals I	3
ITM-134	Networking Fundamentals II	3
ITM-441	Scalable Internetworks	3
ITM-442	Remote Access Networks	3
ITM-443	Multi-Layer Switched Networks	3
ITM-444	Internetwork Troubleshooting	3